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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known	
Application Number	10/680,145
Filing Date	October 8, 2003
First Named Inventor	RABIE
Art Unit	1724
Examiner Name	BUSHEY, Charles S.
Attorney Docket Number	4320-489

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,641,377	03-03-1987	Miura	
		US- 4,876,008	10-24-1989	Ohkubo et al.	
		US- 5,209,582	05-11-1993	Sunaoka et al.	
		US- 5,607,593	03-04-1997	Cote et al.	
		US- 5,643,455	07-01-1997	Kopp et al.	
		US- 6,325,928	12-04-2001	Pedersen et al.	
		US- 6,284,135	09-04-2001	Ookata	Figures 2-4 and 6-9; Col. 5, lines 9-16 and 49-60; Col. 6, lines 4-13 and 57-63; Col. 7, lines 1-33; 51-58 and 63-67; and, Col 8, lines 1-21

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3] - Number[4] - Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		WO 93/15827	08-19-1993	Mitsubishi Rayon Co., Ltd.		
		WO 93/02779	02-18-1993	Memtec Limited		
		WO 99/29401	06-17-1999	Zenon Environmental Inc.		
		English language abstract of JP63-143905				
		JP 63-143905	06-16-1988	Toshiba Corp		✓
		English language abstract of JP06-343837				
		JP06-343837	12-20-1994	Ebara Infilco Co Ltd		✓ Machine
		English language abstract of JP07-024272				
		JP07-024272	01-27-1995	Mitsubishi Rayon Co Ltd		
		JPS63-38884	07-05-1988	Kikuchi		✓
		English language abstract of JP07-185268				
		JP07-185268	07-25-1995	Toray Ind Inc		✓

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. [1] Applicant's unique citation designation number (optional). [2] See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3] Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). [4] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6] Applicant is to place a check mark here if English language Translation is attached.

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		English language abstract of JP62-250908				
		JP62-250908	10-31-1987	Ahahi Chem Ind Co Ltd		
		English language abstract of JP06-285496				
		JP06-285496	10-11-1994	Ebara Infilco Co Ltd et al.		✓ Machine
		English language abstract of JP05-285348				
		JP05-285348	11-02-1993	Nitto Denko Corp.		✓ Machine
		English language abstract of JP05-096136				
		JP05-096136	04-20-1993	Toray Ind Inc.		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
		KAIYA et al., "Water Purification Using Hollow Fiber Microfiltration Membranes", 6th World Filtration Congress, Nagoya, 1993, pp 813-816.	

Examiner Signature		Date Considered	

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[1] Applicant's unique citation designation number (optional). [2] Applicant is to place a check mark here if English language Translation is attached.
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